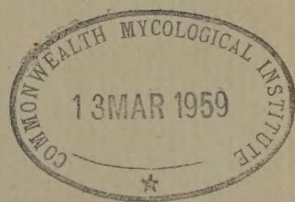
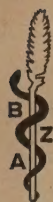


Box 91A





BIOLOGISCHE BUNDESANSTALT
FÜR LAND- UND FORSTWIRTSCHAFT
IN BERLIN-DAHLEM

BIBLIOGRAPHIE
DER PFLANZENSCUTZ-
LITERATUR

BIBLIOGRAPHY
OF PLANT PROTECTION

BIBLIOGRAPHIE
DE LA PROTECTION DES PLANTES

1946 - 1947

Bearbeitet von

Regierungsrat

Dr. J. Bärner

Berlin 1957

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Vorwort

Die »Bibliographie der Pflanzenschutzliteratur« wurde von Oberregierungsrat Professor Dr. Morstatt im Jahre 1921 zum ersten Male herausgegeben und umfaßt in 24 Bänden die Pflanzenschutzliteratur der Jahre 1914—1945 und 1950—1951.

Vorliegende Bibliographie enthält über 13800 Literaturzitate der Jahre 1946—1947. In nächster Zeit sollen die fehlenden Jahrgänge 1948—1949 erscheinen und so die vorhandenen Lücken geschlossen werden.

Die von Prof. Morstatt geschaffenen Gruppierungen wurden beibehalten. Um jedoch aus dem umfangreichen Material ein schnelles und sicheres Auffinden der gesuchten Literatur zu gewährleisten, war es unerlässlich, die einzelnen Kapitel, ihrem Umfang entsprechend, weiter aufzuteilen. Dies trifft besonders für die einzelnen Abschnitte über pilzliche Parasiten und Insektenschädlinge zu. Aus praktischen Erwägungen heraus sind hier die Überschriften lateinisch bezeichnet und systematisch geordnet. Wo sich jedoch die systematische Gliederung als unzweckmäßig erwies, wurde eine alphabetische Anordnung der betreffenden Familien und Gattungen bevorzugt, so z. B. in den Abschnitten III, 5 »Handelspflanzen« und III, 9 »Zierpflanzen«.

Die mit römischen und arabischen Zahlen versehenen Hauptabteilungen und Hauptkapitel blieben, entsprechend der Aufteilung früherer Ausgaben der Bibliographie der Pflanzenschutzliteratur, unverändert, um eine laufende Eingruppierung der Literaturnachweise in die Gesamtkartei des Pflanzenschutzes zu ermöglichen. Diese befindet sich in der Biologischen Bundesanstalt für Land- und Forstwirtschaft, Berlin-Dahlem, und umfaßt über 300 000 Karteikarten.

Sämtliche Kapitelüberschriften sind in einem ausführlichen Inhaltsverzeichnis aufgeführt, und es ist empfehlenswert, vor dem Aufsuchen von Literatur diesen Index weitgehend zu benutzen. Hinzukommen die »lebenden Kolumnentitel«, die für eine allgemeine Orientierung ausreichend sind.

Titel, Einleitungen, Kapitelüberschriften und »lebende Kolumnentitel« werden in drei Sprachen, deutsch, englisch und französisch, wiedergegeben. Erläuterungen zur Quellenangabe, wie Seitenzahlen, Abbildungen usw., erscheinen bei Literaturzitaten deutscher Arbeiten in deutscher Sprache, bei ausländischen durchgehend in lateinischer. Die entsprechenden Abkürzungen sind nachfolgender Tabelle zu entnehmen:

lateinisch		deutsch		englisch	französisch
ann.	= annuus	Jahrg.	= Jahrgang	annual publication	année
ed.	= editio	Aufl.	= Auflage	edition	édition
fig.	= figura(e)	Abb.	= Abbildung(en)	figure	figure, illustration
nr.	= numerus	Nr.	= Nummer(n) Heft(e)	number	numéro
n. ser.	= nova series	n. S.	= neue Serie neue Reihe	new series	série nouvelle
p.	= pagina(e)	S.	= Seite(n)	page	page
separ.	= separatum	Sdr.	= Sonderdruck	special print	tirage à part
tab.	= tabula	Taf.	= Tafel(n)	plate	planche
tab. col.	= tabula colorata	Farbtaf.	= Farbtafel(n)	coloured plate	planche en couleurs
tab. geogr.	= tabula geographica	Kart.	= Karte(n) Landkarte(n)	map	carte
vol.	= volumen	Bd.	= Band	volume	volume, tome
		Bde.	= Bände		

Um bei der Dokumentation von Veröffentlichungen allgemeinen Inhalts Überschneidungen zu vermeiden, sind auch den Untergruppierungen Kapitel mit allgemeinen Themen vorangestellt.

Literaturangaben über die Gattungen *Morus* und *Salix* wurden gesondert an den Schluß des Kapitels III, 8 »Forstgehölze« gestellt. Im Abschnitt IV, 2b »Biologische Bekämpfung« sind die Überparasiten nicht getrennt aufgeführt, sondern innerhalb der zoologisch-systematischen Einteilung zu finden.

In eckigen Klammern beigefügte Texte dienen zur besseren Inhaltsbezeichnung des Literaturzitats.

Allen, die dazu beigetragen haben, die oft beträchtlichen Schwierigkeiten beim weiteren Ausbau der Bibliographie der Pflanzenschutzliteratur zu überwinden, sei an dieser Stelle besonders gedankt.

Berlin-Dahlem, den 17. April 1957

Johannes Bärner

Introduction

The »Bibliographie der Pflanzenschutzliteratur« was issued the first time by Oberregierungsrat Prof. Dr. Morstatt in 1921, and includes in 24 volumes the phytopathological literature for the years 1914—1945 and 1950—1951.

This bibliography comprises more than 13 800 titles for 1946—1947. Subsequent volumes from 1948—1949 shall follow very soon to close.

The provided arrangements of Prof. Morstatt were kept on. In order to guarantee a fast and sure way of locating the desired literature it was indispensable to classify the single chapter according to their extents in a more particular way. This is especially true of the single sections on the mycological parasites and entomological pests. From a practical consideration, the headings have been written in the Latin language and have been arranged systematically. Where the systematical classification has proved unsuitable, however, an alphabetical one of the families and species concerned has been used, such as in chapter III, 5 »Commercial plants« and in chapter III, 9 »Ornamental plants«.

The main departments and chapters, using Roman and Arabic numerals, have remained unchanged according to the classification of the former editions of the bibliographies of plant protection, thus facilitating a continuous arrangement of the literature works of reference into a card index of plant protection. This card index is to be found in the »Biologische Bundesanstalt für Land- und Forstwirtschaft, Berlin-Dahlem«, and comprises more than 300 000 cards.

All the chapter headings have been specified in the detailed contents. Hence, it is recommended to use this index extensively before looking up the desired literature. In addition, there are the »living headings«, which are sufficient for general information.

Titles, introductions, chapter headings and »living headings« have been written in three languages, German, English, and French. Explanations as to the sources, the numbers of pages, figures, etc., have appeared in the German language where German works are quoted and in Latin for all the foreign works. The abbreviations used are to be taken from the following table:

Latin		German		English	French
ann.	= annuus	Jahrg.	= Jahrgang	annual publication	année
ed.	= editio	Aufl.	= Auflage	edition	édition
fig.	= figura(e)	Abb.	= Abbildung(en)	figure	figure, illustration
nr.	= numerus	Nr.	= Nummer(n) Heft(e)	number	numéro
n. ser.	= nova series	n. S.	= neue Serie neue Reihe	new series	série nouvelle
p.	= pagina(e)	S.	= Seite(n)	page	page
separ.	= separatum	Sdr.	= Sonderdruck	special print	tirage à part
tab.	= tabula	Taf.	= Tafel(n)	plate	planche
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tab. geogr.	= tabula geographica	Kart.	= Karte(n) Landkarte(n)	map	carte
vol.	= volumen	Bd.	= Band	volume	volume, tome
		Bde.	= Bände		

In order to avoid repetition of the quotations of literature, »general parts« have been inserted into the sub-chapters.

Statements of literature on the species of *Morus* and *Salix* have been put at the end of chapter III, 8 »Forest trees«. In the chapter IV, 2b »Biological control« the hyperparasites have not been listed separately, but can be found in the zoological systematical classification.

Texts within cornered brackets serve as more distinct contents of the quotations of literature.

To all those who have contributed to overcoming the often considerable difficulties in completing this bibliography of the literature of plant protection, I give particular thanks.

Berlin-Dahlem, April 17, 1957

Johannes Bärner

Introduction

La »Bibliographie der Pflanzenschutzliteratur« fut publiée dès 1921 par le Oberregierungs-
rat Prof. Dr. Morstatt. En 24 volumes, elle compile la littérature spéciale de la période
de 1914—1945 et 1950—1951.

Ce tome contient plus que 13800 titres des années 1946—1947. Les volumes qui compi-
leront les travaux à partir de 1948 jusqu'à 1949 ne sont pas encore achevés et suivront
ce volume-ci pour combler graduellement la lacune encore existante.

La classification adoptée par Prof. Morstatt est gardée; cependant il était indispensable de
spécifier davantage les chapitres les plus volumineux afin de faciliter les travaux désirés dans
le matériel considérable. En particulier cette subdivision a été appliquée aux chapitres
traitant des champignons pathogènes et des insectes nuisibles. Il a été considéré pratique
de reproduire les en-têtes de ces chapitres en latin et de les classer systématiquement. L'ordre
alphabétique a été préféré pour les familles et genres dont une classification systématique
n'était pas indiquée, par exemple chapitre III, 5 »plantes du commerce« et III, 9 »plantes
horticoles«.

Les divisions et chapitres principaux munis de chiffres romains et arabes sont restés
inchangés. Ils correspondent toujours à ceux des éditions précédentes de la »Bibliographie
der Pflanzenschutzliteratur« afin de faciliter l'enregistrement dans le fichier de la protection
des plantes. Celui se trouve à »Biologische Bundesanstalt für Land- und Forstwirtschaft«
à Berlin-Dahlem et comporte plus de 300 000 fiches.

Tous les en-têtes figurent sur une table des matières détaillée et pour les recherches de
littérature nous recommandons de se servir toujours de cet index. S'y ajoutent les »titres
courants« qui suffiront pour une orientation générale.

Les titres, les introductions, les en-têtes et les »titres courants« se trouvent reproduits en
allemand, français et anglais. Les renseignements concernant l'indication des sources (numéros
des pages, illustrations etc.) figurent en allemand s'il s'agit de publications allemandes et en
latin pour les publications étrangères. Les abréviations se trouvent expliquées ci-après:

latin	allemand	français	anglais
ann. = annuus	Jahrg. = Jahrgang	année	annual publication
ed. = editio	Aufl. = Auflage	édition	edition
fig. = figura(e)	Abb. = Abbildung(en)	figure, illustration	figure
nr. = numerus	Nr. = Nummer(n) Heft(e)	numéro	number
n. ser. = nova series	n. S. = neue Serie neue Reihe	série nouvelle	new series
p. = pagina(e)	S. = Seite(n)	page	page
separ. = separatum	Sdr. = Sonderdruck	tirage à part	special print
tab. = tabula	Taf. = Tafel(n)	planche	plate
tab. col. = tabula colorata	Farbtaf. = Farbtafel(n)	planche en couleurs	coloured plate
tab. geogr. = tabula geogra- phica	Kart. = Karte(n) Landkarte(n)	carte	map
vol. = volumen	Bd. = Band Bde. = Bände	volume, tome	volume

Des chapitres d'un thème général précèdent aussi les subdivisions afin d'éviter des répétitions dans la documentation.

La littérature citée pour les genres *Morus* et *Salix* est traitée à part à la fin du chapitre III, 8 »arbres forestiers«. Les hyperparasites (chapitre IV, 2b »lutte biologique«) n'ont pas été mentionnés séparément mais font partie de la classification zoologique.

Les textes entre crochets précisent le contenu de la littérature citée.

Nous tenons à remercier particulièrement tous ceux qui ont contribué à surmonter les difficultés s'opposant à l'achèvement de la »Bibliographie der Pflanzenschutzliteratur«.

Berlin-Dahlem, 17 avril 1957

Johannes Bärner

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II. Krankheiten und Ursachen Diseases and causes — Maladies et leurs causes

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a. Pathologische Pflanzenanatomie, Gallen, Teratologie Pathological anatomy of plants, galls, teratology Anatomie pathologique des plantes, galles, tératologie

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III. Krankheiten und Wirtspflanzen

Diseases and host plants — Maladies et plantes attaquées

1. Vegetation und Kulturpflanzen im allgemeinen Übersicht über das Auftreten von Pflanzenkrankheiten und Schädlingen

Vegetation and cultivated plants in general Survey of the incidence of plant diseases and parasites

Végétation et plantes cultivées en général Résumé de la fréquence des maladies végétales et de leurs parasites

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e. Virus

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3. Kartoffeln und Rüben

Potatoes and beets — Pommes de terre et betteraves

a. Kartoffeln

Potatoes — Pommes de terre

Allgemeiner Teil

General part — Partie générale

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f. Arznei- und Gewürzpflanzen

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Schalenobst

Shell fruits — Fruits à coques

Allgemeiner Teil

General part — Partie générale

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8. Forstgehölze, Nutzhölzer, Holzzerstörer und Holzschutz Forest trees, timbers, parasites of wood and wood preservation Arbres forestiers, bois d'œuvre parasites et protection du bois

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2. Pflanzentherapie Plant therapeutics — Thérapeutique des plantes

a. Untersuchungs- und Bekämpfungstechnik

Methods of examination and technics of disease control

Méthodes de recherche et technique de la lutte contre les maladies

Allgemeiner Teil

General part — Partie générale

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Lutte biologique

Allgemeiner Teil

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Protozoa, Bacteriophages, Virus

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Herbizide im allgemeinen Herbicides in general Herbicides en général

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Natriumchlorat gegen Unkräuter

Sodium chlorate against weeds

Chlorate de sodium contre des mauvaises herbes

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